

# King County DNRP Water Quality Index

STATION **438** WATER YEAR **2018**

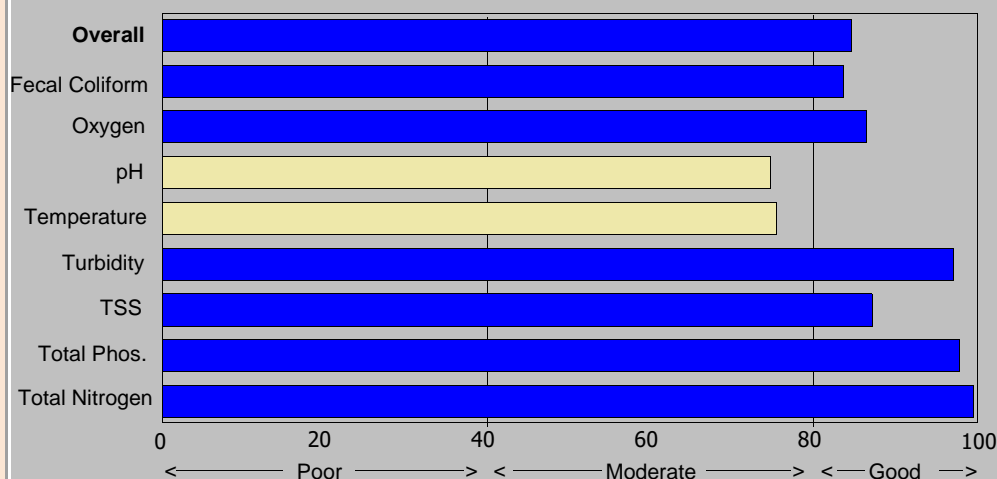
**GAUGE #** **31ab** **Cedar River at River Mile 1.46**

**Overall Index** **85**

Station 0438 is 1.45 River Miles upstream from the mouth of the Cedar River at the bridge on Bronson Way. This station replaced station X438 in 2009 which had been located just above where the river enters Lake Washington. From 1972 through 2008 water quality samples were also collected monthly from an upstream station (A438), located at the bridge on East Jones Road at 196th Ave SE. The Upper Cedar River encompasses roughly 79,951 acres and runs 25 miles from Meadow Mountain near Cascade Crest to the Landsburg Diversion Dam. The City of Seattle owns most of this upper basin - upstream of where the City diverts the drinking water supply from the Landsburg Dam. The Lower Cedar River drains 42,240 acres and runs approximately 21.7 miles from below the Landsburg Dam to Lake Washington. The Cedar River is on the Washington Department of Ecology's 303(d) list, Category 5, for violation of temperature, dissolved oxygen, and pH standards.

## Annual Water Quality Index Scores

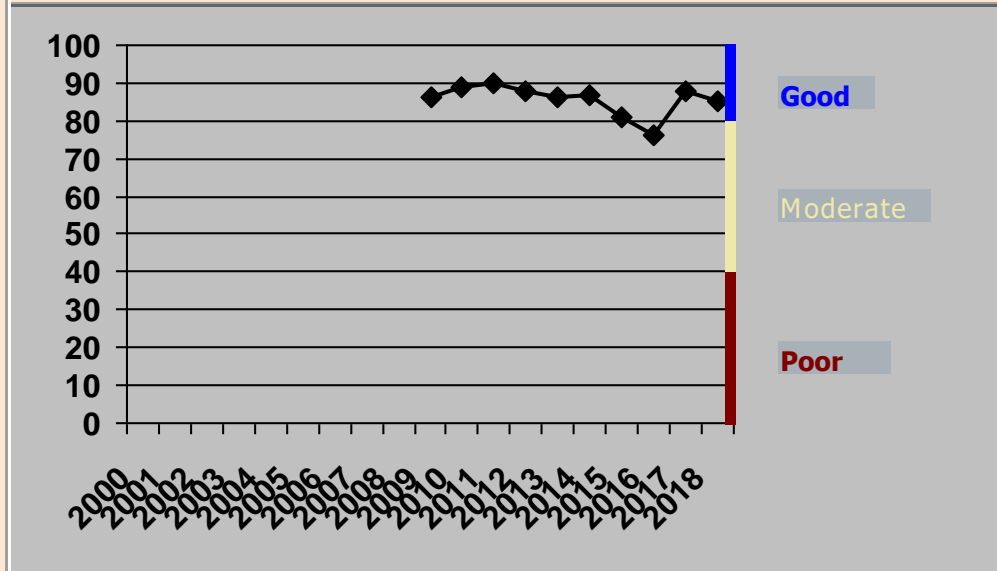
Water quality was GOOD based on data collected 10/1/2017 to 9/30/2018.



## Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
97	97	99	99	99	96	98	95	94	92	80	84

## WQI Score Comparison By Water Year



## About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>